

# 巨锥大蚜新种记述

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梨大蚜属 *Pyrolachnus* Basu et Hille Ris Lambers 1968, 为蚜总科, 大蚜科的一个小属, 世界记载仅二种。本文记述一新种, 是枇杷树的害虫, 严重时可盖满3—5寸枝条。全部量度均为毫米。模式标本存于中国科学院动物研究所。

## 巨锥大蚜 *Pyrolachnus macroconus* 新种 (图1—12)

与印度产瓦纹大蚜 *Pyrolachnus imbricatus* David et al. 1971 近缘, 但有下列特征可以区别, 本种活时被粉; 腹部节VIII有毛多达84—96根; 毛长只0.073, 不长于头顶毛; 腹面毛都不长于背面毛; 触角节I有毛多达23—32根, II, 27—38根, VI, 20—26 + 6—7根, 节III及IV各有小圆形次生感觉圈1—9个, V, 0—2, 均位于端部; 腹管圆锥体巨大, 直径0.882, 管口直径较大, 0.229; 尾片毛数多达74—94根。有翅孤雌蚜触角次生感觉圈

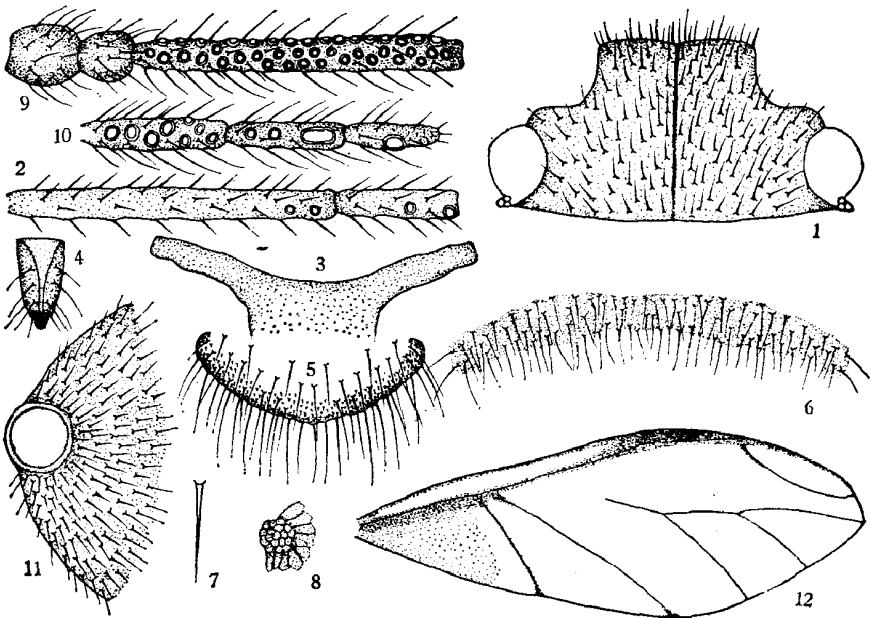


图1—12 巨锥大蚜 *Pyrolachnus macroconus* sp. nov.

无翅孤雌蚜: 1. 头部背面 2. 触角节 III—IV 3. 中胸腹盆 4. 喙端节 5. 尾片 6. 腹部节 VIII 背片及刚毛 7. 背刚毛 8. 节间斑; 有翅孤雌蚜 9. 触角节 I—III 10. 触角节 IV—VI 11. 腹管 12. 前翅。

除节 III 较多 (39—67 个) 外, IV 尚有 8—10, V, 0—2 个。

正模 (无翅孤雌蚜) 量度 体长 4.557, 宽 2.867; 触角总长 1.772, 节 III 0.731, IV 0.260, V 0.260, VI 0.176 + 0.067; 头顶及腹部各节背毛长 0.067—0.076; 腹管圆锥体直径 0.882, 端宽 0.229; 后股节长 1.806; 后胫节长 2.688; 后跗节 II 0.378; 喙 IV + V 0.185; 触角节 III—V 次生感觉圈数: 1 或 2, 1 或 2, 0。

态模 (有翅孤雌蚜) 量度 体长 4.352, 宽 2.202; 触角总长 1.756, 节 III 0.748, IV 0.311, V 0.244, VI 0.118 + 0.088; 头顶及腹部各节背毛长 0.109—0.118; 腹管圆锥体直径 0.714, 端宽 0.185; 后股节长 1.882; 后胫节长 3.402; 后跗节 II 0.378; 喙 IV + V 0.185; 触角节 III—V 次生感觉圈数: 39 或 50, 8 或 9, 2。

正模, 无翅孤雌蚜玻片 7088. 1. 9. 2 号; 态模, 有翅孤雌蚜玻片 7088. 1. 10; 副模, 4 无翅孤雌蚜及 7 有翅孤雌蚜玻片 7088. 1. 1 到 9, 云南昆明, 1980. V. 15, 钟铁森采自枇杷树 *Eriobotrya japonica* (Thunb.) Lindl.。其他副模, 4 无翅孤雌蚜及 2 有翅孤雌蚜, 玻片外 1895. 1. 1 到 3, 地点与寄主同上, 1980. VI. 17, 张乃光采。

## DESCRIPTION OF *PYROLACHNUS MACROCONUS* SP. NOV. (HOMOPTERA: APHIDOIDEA)

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In this paper one species of *Pyrolachnus* collected from China, is described as new. All the measurements in description are in mm. The types are deposited in the Institute of Zoology, Academia Sinica.

***Pyrolachnus macroconus* sp. nov.** (figs. 1—12)

Closely related to *P. imbricatus* David et al., 1971, from which it differs as follows: (1): body covered with whitish powder (in living condition); (2) 8th abdominal tergite with 84—96 setae, only 0.073 in length; (3) ventral setae on head and abdomen shorter than the dorsal ones; (4) antennal segment I with 23—32 setae, II with 27—38, VI with 20—26 + 6 or 7 setae, III and IV each with 1—9, V with 0—2 small circular secondary rhinaria on apical 1/3; (5) siphuncular cone 0.882 wide, with the opening 0.229 wide; (6) cauda with 74—94 setae; (7) antennal segment III with 39—67 large circular, bulging secondary rhinaria, IV with 8—10, V with 0—2 in alate virginoparae.

Holotype, apterous virginopara specimen No. 7088. 1. 9. 2; morphotype, alate virginopara specimen No. 7088. 1. 10; paratypes, 4 apterous virginoparae and 7 alate virginoparae specimen No. 7088. 1. 1 to 9, Kunming Shi, Yunnan Province, China, 15. V. 1980, on the branches of *Eriobotrya japonica* (Thunb.) Lindl., Coll. Zhong Tie-sen. Other paratypes, 4 apterous virginoparae and 2 alate virginoparae specimen No. Y1895. 1. 1 to 3, 17. VI. 1980, Coll. Zhang Nai-guang, locality and host same as above.